

County Council Of Howard County, Maryland

2005 Legislative Session

Legislative Day No. **6**

Resolution No. 64 -2005

Introduced by: The Chairman at the request of the County Executive

A RESOLUTION approving schedules of fees for the functions regulated by the Department of Public Works.

Introduced and read first time _____, 2005.

By order _____
Sheila M. Tolliver, Administrator

Read for a second time at a public hearing on _____, 2005.

By order _____
Sheila M. Tolliver, Administrator

This Resolution was read the third time and was Adopted___, Adopted with amendments___, Failed___, Withdrawn___, by the County Council on _____, 2005.

Certified By _____
Sheila M. Tolliver, Administrator

NOTE: [[text in brackets]] indicates deletions from existing law; TEXT IN ALL CAPITALS indicates additions to existing law; Strike-out indicates material deleted by amendment; Underlining indicates material added by amendment

1 **WHEREAS**, Section 14.600 and Section 14.601 of the Howard County Code provide
2 that, upon the recommendation of the Director of Public Works, the County Council shall adopt
3 an annual schedule of permit charges, user fees, special charges and late payment penalties for
4 users of the Howard County Sanitary Landfill; and
5

6 **WHEREAS**, Section 18.700 requires the Director of Public Works to prepare a proposed
7 fee schedule to cover the cost of services performed by the Department of Public Works related
8 to the physical inspection and approval of infrastructure in subdivisions and site development
9 plans as shown on the approved subdivision and site development plans; and
10

11 **WHEREAS**, Section 16.130 of the Howard County Code requires developers to pay for
12 the costs of public improvements (water and sewer facilities) required by Section 16.131, which
13 costs include the costs incurred by the Department of Public Works in inspecting the
14 construction of required water and sewer facilities; and
15

16 **WHEREAS**, Section 18.204 of the Howard County Code requires that the Council set,
17 by annual resolution, a fee to cover notification costs incurred by the County when a road is
18 petitioned for closing or relocation; and
19

20 **WHEREAS**, Section 18.206 of the Howard County Code requires utility contractors and
21 other persons who excavate on public property to obtain a permit for the work, and further
22 provides for County Council approval of a fee for such a permit; and
23

24 **WHEREAS**, Section 18.402 of the Howard County Code provides that abutting property
25 owners shall repair or replace sidewalk that is unsafe for public use and further provides that, at
26 the abutting property owner's request, the Department of Public Works may do the sidewalk
27 repair or replacement and bill the property owner for the cost of the work; and
28

29 **WHEREAS**, even though in certain circumstances it is appropriate to amend or extend
30 developer agreements, the County incurs costs in reviewing the agreement and the development
31 to determine whether appropriate progress has been made in meeting the requirements of the

1 Agreement, and therefore charges a fee for approving the amendment or extension of the
2 developer agreement; and
3

4 **WHEREAS**, Section 16.133 of the Howard County Code allows a developer, under
5 certain circumstances, to pay a fee for the costs of off-site storm drainage facilities; and
6

7 **WHEREAS**, Section 18.902 of the Howard County Code allows a developer, under
8 certain circumstances, to pay a fee for the costs of storm water management; and
9

10 **WHEREAS**, Section 20.901 of the Howard County Code Requires the County Council
11 to establish by Resolution the refuse collection charges for residential and commercial property,
12 and to establish the Ellicott City Refuse Collection Zone; and
13

14 **WHEREAS**, Section 21.208 of the Howard County Code authorizes the County Council
15 to establish by resolution an annual service fee and the cost of installation of signs when the
16 Department of Public Works issues a permit to establish a loading zone; and
17

18 **WHEREAS**, the County Executive, upon the recommendation of the Director of Public
19 Works has proposed certain changes in the fees and charges for functions regulated through the
20 Department of Public Works.
21

22 **NOW, THEREFORE, BE IT RESOLVED** by the County Council of Howard County,
23 Maryland this ____ day of _____, 2005 that it adopts the fee schedules attached to this
24 Resolution for the following functions regulated through the Department of Public Works:

- 25 (1) Review and approval of water and sewer facilities for subdivisions and site development;
26 and
27 (2) Miscellaneous DPW Fees and Charges; and
28

29 **BE IT FURTHER RESOLVED** that the remaining fee schedules shall be effective July
30 1, 2005 and shall continue in effect until changed or repealed by subsequent resolution.

HOWARD COUNTY - DEPARTMENT OF PLANNING AND ZONING
APPROVED UNIT PRICES AND ITEM CODES
(County Council Resolution #)
Effective Date: 7/1/2005

ITEM CODE	DESCRIPTION	STANDARD DETAIL	CURRENT UNIT	CURRENT UNIT COST
110100	Clearing & Grubbing (based on clearing wooded areas only)		AC	\$4,000.00
110110	Tree Removal - Under 10" Diameter		EA	\$220.00
110111	Tree Removal - 10" to 15" Diameter		EA	\$275.00
110112	Tree Removal - 15" to 30" Diameter		EA	\$550.00
110113	Tree Removal - Greater than 30" Diameter		EA	\$1,300.00
110114	Transplant Street Trees		EA	\$110.00
110120	Abandon Existing Well		LS	\$1,600.00
110200	Removal & Disposal of Existing Buildings (specific based on size & materials)		LS	\$8,250.00
110340	Engineers Office Type A		LS	\$20,000.00
110350	Engineers Office Type B		LS	\$24,000.00
110360	Engineers Office Type C		LS	\$34,000.00
110455	Cellular Telephone		MO	\$15.00
110460	Portable Toilet (Per Month)		MO	\$75.00
110470	Digital Camera		EA	\$1,000.00
114005	5" Yellow Nontoxic Lead Free Waterborne Pavement Marking Paint		LF	\$0.20
114010	5" White Nontoxic Lead Free Waterborne Pavement Marking Paint		LF	\$0.20
114015	10" Yellow Nontoxic Lead Free Waterborne Pavement Marking Paint		LF	\$0.25
114020	10" White Nontoxic Lead Free Waterborne Pavement Marking Paint		LF	\$0.25
114035	12" White Nontoxic Lead Free Waterborne Pavement Marking Paint		LF	\$0.55
114040	16" White Nontoxic Lead Free Waterborne Pavement Marking Paint		LF	\$1.40
114045	24" White Nontoxic Lead Free Waterborne Pavement Marking Paint		LF	\$3.85
114205	4"Yellow Removable Preformed Pavement Line Markings		LF	\$0.95
114210	4" White Removable Preformed Pavement Line Markings		LF	\$1.15
114215	5"Yellow Removable Preformed Pavement Line Markings		LF	\$1.25
114220	5" White Removable Preformed Pavement Line Markings		LF	\$1.25
114225	10"Yellow Removable Preformed Pavement Line Markings		LF	\$2.50
114230	10" White Removable Preformed Pavement Line Markings		LF	\$2.50
114235	12" White Removable Preformed Pavement Line Markings		LF	\$3.30
114240	16" White Removable Preformed Pavement Line Markings		LF	\$4.25
114245	24" White Removable Preformed Pavement Line Markings		LF	\$6.10
114250	Removable Preformed Letters		EA	\$56.00
114255	Removable Preformed Symbols		EA	\$220.00
114260	Removable Preformed Arrows		EA	\$186.00
114265	Removable Preformed Numbers		EA	\$186.00
114270	Removal of Removable Preformed Letters, Symbols, Arrows and Numbers		EA	\$362.00
114275	Removal of Removable Preformed Pavement Markings - Any Width		LF	\$0.10
114300	8" Removable Patterned Black Line Mask Tape for Maintenance of Traffic		LF	\$3.00
120500	Maintenance of Traffic		LS	\$26,375.00
120540	Bank Run Gravel Subbase for Maintenance of Traffic		TON	\$18.00
120550	Graded Aggregate Subbase for Maintenance of Traffic		TON	\$12.00
120552	Crusher Run Aggregate CR-6 for Maintenance of Traffic		TON	\$18.00
120555	Graded Aggregate Base for Maintenance of Traffic		TON	\$18.00
120561	Hot Mix Asphalt for Maintenance of Traffic		TON	\$75.00
120565	Hot Mix Asphalt Curb for Maintenance of Traffic		LF	\$4.25
120571	Steel Plate 8'x12'x1" max. for Maintenance of Traffic (Per Day)		DY	\$4.00
120601	Traffic Manager		DY	\$120.00
120610	Arrow Panel		DY	\$31.00
120611	Portable Flashing Arrow Panel		DY	\$31.00
120620	Temporary Traffic Signs Type III Retro reflective Sheeting		SF	\$10.00
120625	Temporary Traffic Signs High Performance Wide Angle Retro reflective Sheeting		SF	\$18.00
120630	Temporary Raised Pavement Markers		EA	\$5.00
120635	Signs for Maintenance of Traffic (Rental)		DY	\$10.00
120640	Removal of Temporary Raised Pavement Markers		EA	\$0.60
120645	Traffic Cones - 28" with Retro reflective Bands (Rental)		EA	\$35.00
120662	Removal of Existing Painted Stripe Markings - Any Width (Grinding)		LF	\$1.00
120671	4" Temporary Pavement Striping Tape		LF	\$1.05
120672	5" Temporary Pavement Striping Tape		LF	\$1.40

120673	6" Temporary Pavement Striping Tape	LF	\$1.40
120674	8" Temporary Pavement Striping Tape	LF	\$1.85
120680	Removal of Temporary Pavement Striping Tape- Any Width	LF	\$0.15
120685	Removal of Existing Pavement Markings - Any Width	EA	\$15.00
120687	Remove Existing Word Markings (Each Letter)	EA	\$10.00
120688	Remove Existing Stop Bars - 24"	LF	\$4.00
120690	Tubular Markers	EA	\$75.00
120697	Replacement of Tubular Marker Mast	EA	\$44.00
120700	Temporary Concrete Single Face Traffic Barrier for Maintenance of Traffic	LF	\$16.00
120705	Temporary Precast Concrete Traffic Barrier for Maintenance of Traffic	LF	\$13.00
120710	Reset Temporary Concrete Barrier Single Face	LF	\$11.00
120711	Precast Temporary Concrete Traffic Barrier Transition Left Side	EA	\$4,000.00
120712	Precast Temporary Concrete Traffic Barrier Transition Right Side	EA	\$4,000.00
120715	Reset Temporary Precast Concrete Traffic Barrier for Maintenance of Traffic	LF	\$2.65
120717	Reflective Barrier Markers	EA	\$5.40
120718	Removal of Reflective Barrier Markers	EA	\$1.00
120720	Traffic Barrier W Beam for Maintenance of Traffic	LF	\$50.00
120723	Wooden Barricade for Pedestrian Control	LF	\$32.00
120730	Traffic Barrier W Beam Replacement for Maintenance of Traffic	LF	\$40.00
120735	Reset Traffic Barrier W Beam for Maintenance of Traffic	LF	\$30.00
120741	Type I Barricade for Maintenance of Traffic - 6' Length	EA	\$200.00
120742	Type II Barricade for Maintenance of Traffic - 6' Length	EA	\$212.00
120743	Type III Barricade for Maintenance of Traffic - 6' Length	EA	\$224.00
120744	Replace Type III Barricade for Maintenance of Traffic	EA	\$219.00
120747	Flagger	HR	\$12.50
120750	Temporary Crash Cushion Sand Filled Plastic Barrels for Maintenance of Traffic	BBL	\$280.00
120761	Replace Temporary Crash Cushion Sand Filled Plastic Barrels for Maintenance of Traffic	BBL	\$265.00
120763	Vertical Panels	EA	\$49.00
120764	Warning Lights	EA	\$69.00
120765	Remove & Reset Temporary Crash Cushion Sand Filled Plastic Barrels for Maintenance of Traffic	BBL	\$93.00
120771	Relocate Wood Sign Supports	EA	\$25.00
120772	Sign Modifications to Overhead Sign Structures	SF	\$10.00
120773	Relocate Sign	SF	\$25.00
120774	Remove Sign	SF	\$3.00
120775	Remove and Relocate Existing Signs	SF	\$11.00
120776	Install or Remove Shield	EA	\$25.00
120777	Cover Sign	SF	\$2.00
120778	Relocate Sign Luminaires	EA	\$25.00
120779	Remove and Salvage Existing Sign	EA	\$100.00
120784	Temporary Orange Construction Fence	LF	\$2.00
120786	Remove & Reset Temporary Orange Construction Fence	LF	\$2.00
120791	Temporary Crash Cushion Telescoping Attenuator	EA	\$14,000.00
120792	Remove and Reset Temporary Crash Cushion Telescoping Attenuator	EA	\$1,500.00
120793	Temporary Crash Cushion Telescoping Attenuator Spare Parts Package	EA	\$7,000.00
120800	Water Filled Barrier for Maintenance of Traffic	LF	\$10.00
120810	Replacement Sections for Movable Type Concrete Barrier	EA	\$825.00
120820	Drums for Maintenance of Traffic	EA	\$50.00
120823	Replacement of Drums for Maintenance of Traffic	EA	\$62.00
120845	Temporary Movable Type Concrete Traffic Barrier	LF	\$16.50
120860	Portable Variable Message Sign	UD	\$109.00
120870	Protection Vehicle w/Truck Mounted Attenuator, Variable Message Sign & Intrusion Alarm	UD	\$750.00
120880	Truck Mounted Attenuator	UD	\$225.00
121013	Temporary Type E Traffic Barrier End Treatment 3 Bays, Any Width	EA	\$5,200.00
121019	Temporary Type E Traffic Barrier End Treatment 4 Bays, Any Width	EA	\$5,800.00
121031	Temporary Type E Traffic Barrier End Treatment 6 Bays, Any Width	EA	\$16,000.00
121043	Temporary Type E Traffic Barrier End Treatment 8 Bays, Any Width	EA	\$20,000.00
121049	Temporary Type E Traffic Barrier End Treatment 9 Bays, Any Width	EA	\$25,000.00
121060	Remove & Reset Temporary Type E Traffic Barrier End Treatment, Any Bays, Any Width	EA	\$1,500.00
121114	Temporary Type E Traffic Barrier End Treatment 12 Bays, Up To 3 Feet Wide	EA	\$20,000.00
121120	Temporary Type J Traffic Barrier End Treatment 4 Cylinders	EA	\$12,000.00
121124	Temporary Type J Traffic Barrier End Treatment 9 Cylinders	EA	\$16,000.00
121148	Precast Temporary 32 inch F Shape Concrete Traffic Barrier Transition Left Side Approach	EA	\$8,000.00
121150	Precast Temporary 32 inch F Shape Concrete Traffic Barrier	LF	\$20.00
130840	Construction Stakeout	DY	\$1,000.00
130850	Mobilization (depending on the scope of work)	LS	\$20,000.00
130900	On-The-Job Training	HR	\$1.00
131000	Type A CPM Project Schedule	LS	\$2,000.00

199000	Cones for Maintenance of Traffic	EA	\$20.00
199005	4 Inch Temporary Pavement Striping Tape	LF	\$1.10
199010	6 Inch Temporary Pavement Striping Tape	LF	\$1.90
199015	Removal of Temporary Pavement Striping Tape, Any Width	LF	\$0.10
199020	Removal of Existing Pavement Markings - Any Width	LF	\$1.00
201020	Trim Existing Ditches	LF	\$5.00
201030	Class 1 Excavation	CY	\$4.00
201031	Class 1-A Excavation	CY	\$10.00
201032	Class 2 Excavation	CY	\$10.00
201033	Class 3 Excavation	CY	\$12.00
201035	Class 5 Excavation	CY	\$12.00
201040	Geosynthetic Stabilized Subgrade Using Graded Aggregate Base	CY	\$30.00
201050	Unclassified Excavation	CY	\$7.00
201060	Disposal of Petroleum Contaminated material	CY	\$70.00
202050	Select Borrow	CY	\$16.50
202055	Capping Borrow	CY	\$23.00
202060	Modified Borrow	CY	\$9.00
202065	Common Borrow	CY	\$7.00
202070	Tamped Fill	CY	\$25.00
203030	Test Pit Excavation	CY	\$60.00
204070	Settlement Plates (ea)	DY	\$4.00
207030	Dredging	CY	\$30.00
210010	Removal of Existing Curb (Any Type)	LF	\$3.30
210011	Removal of Existing Combination Curb & Gutter	LF	\$3.30
210014	Remove Existing Asphalt Curb	LF	\$1.00
210019	Sawcut - 2" Deep	LF	\$2.00
210020	Sawcut - Full Depth	LF	\$4.00
210025	Remove Existing Bituminous Pavement	SY	\$6.00
210026	Remove Existing Sidewalk	SY	\$3.20
210027	Removal of Paved Ditches	SY	\$4.00
210028	Remove Existing Concrete Pavement	SY	\$8.00
210030	Remove Existing Masonry	CY	\$79.00
210041	Remove Existing Concrete Barrier (Any Type)	LF	\$11.00
210081	Remove Existing Manhole	EA	\$246.00
220020	Scarify Existing Asphalt Pavement	SY	\$4.40
301006	Stabilized Construction Entrance	TON	\$23.00
301007	Rehabilitate Stabilized Construction Entrance	TON	\$17.00
301010	Class 3 Excavation for Incidental Construction	CY	\$9.00
301106	Trench Backfill Using Select Borrow	CY	\$25.00
301109	Trench Backfill	CY	\$8.00
301110	Select Backfill Using No. 57 Aggregate	CY	\$23.00
301111	Select Backfill Using Graded Aggregate Subbase	CY	\$23.00
301112	Flowable Backfill for Utility Cuts	CY	\$50.00
301120	Select Backfill Using Crusher Run Aggregate CR-6	CY	\$23.00
301210	Removal of Existing Pipe	LF	\$16.50
301211	Re-laid Old Pipe Culverts (Any Size)	LF	\$27.00
301310	Mix 1 Concrete Miscellaneous Structures	CY	\$312.00
301311	Mix 2 Concrete Miscellaneous Structures	CY	\$385.00
301312	Brick Masonry Miscellaneous Structure	CY	\$403.00
301315	Mix 3 Concrete Miscellaneous Structures	CY	\$673.00
301318	Mix 6 Concrete Miscellaneous Structures	CY	\$235.00
301320	Clean Existing Pipe - Any Size	LF	\$10.00
301322	Clean Existing Inlets	EA	\$260.00
301323	Clean Existing Underdrain Outlets	EA	\$100.00
301325	Remove Existing Catch Basin, Manhole, Headwall	EA	\$550.00
301330	Abandon Existing Catch Basin or Manhole	EA	\$133.00
302312	12" RCCP Class III	LF	\$20.00
302315	15" RCCP Class III	LF	\$22.00
302318	18" RCCP Class III	LF	\$24.00
302321	21" RCCP Class III	LF	\$28.00

302324	24" RCCP Class III	LF	\$32.00
302327	27" RCCP Class III	LF	\$40.00
302330	30" RCCP Class III	LF	\$46.00
302333	33" RCCP Class III	LF	\$54.00
302336	36" RCCP Class III	LF	\$62.00
302342	42" RCCP Class III	LF	\$75.00
302348	48" RCCP Class III	LF	\$86.00
302354	54" RCCP Class III	LF	\$98.00
302360	60" RCCP Class III	LF	\$115.00
302366	66" RCCP Class III	LF	\$140.00
302372	72" RCCP Class III	LF	\$180.00
302378	78" RCCP Class III	LF	\$220.00
302384	84" RCCP Class III	LF	\$280.00
302390	90" RCCP Class III	LF	\$320.00
302396	96" RCCP Class III	LF	\$380.00
302412	12" RCCP Class IV	LF	\$21.00
302415	15" RCCP Class IV	LF	\$23.00
302418	18" RCCP Class IV	LF	\$24.00
302421	21" RCCP Class IV	LF	\$30.00
302424	24" RCCP Class IV	LF	\$36.00
302427	27" RCCP Class IV	LF	\$42.00
302430	30" RCCP Class IV	LF	\$50.00
302433	33" RCCP Class IV	LF	\$58.00
302436	36" RCCP Class IV	LF	\$66.00
302442	42" RCCP Class IV	LF	\$80.00
302448	48" RCCP Class IV	LF	\$92.00
302454	54" RCCP Class IV	LF	\$106.00
302460	60" RCCP Class IV	LF	\$122.00
302466	66" RCCP Class IV	LF	\$150.00
302472	72" RCCP Class IV	LF	\$190.00
302478	78" RCCP Class IV	LF	\$230.00
302484	84" RCCP Class IV	LF	\$290.00
302490	90" RCCP Class IV	LF	\$330.00
302496	96" RCCP Class IV	LF	\$390.00
302512	12" RCCP Class V	LF	\$22.00
302515	15" RCCP Class V	LF	\$24.00
302518	18" RCCP Class V	LF	\$26.00
302521	21" RCCP Class V	LF	\$32.00
302524	24" RCCP Class V	LF	\$38.00
302527	27" RCCP Class V	LF	\$44.00
302530	30" RCCP Class V	LF	\$52.00
302533	33" RCCP Class V	LF	\$62.00
302536	36" RCCP Class V	LF	\$70.00
302542	42" RCCP Class V	LF	\$85.00
302548	48" RCCP Class V	LF	\$98.00
302554	54" RCCP Class V	LF	\$112.00
302560	60" RCCP Class V	LF	\$130.00
302566	66" RCCP Class V	LF	\$160.00
302572	72" RCCP Class V	LF	\$200.00
302578	78" RCCP Class V	LF	\$240.00
302584	84" RCCP Class V	LF	\$300.00
302590	90" RCCP Class V	LF	\$340.00
302596	96" RCCP Class V	LF	\$400.00
303106	6" BCCMP - 16 gauge	LF	\$15.00
303112	12" BCCMP - 16 gauge	LF	\$17.00
303115	15" BCCMP - 16 gauge	LF	\$20.00
303118	18" BCCMP - 16 gauge	LF	\$24.00
303121	21" BCCMP - 16 gauge	LF	\$26.00
303124	24" BCCMP - 16 gauge	LF	\$31.00
303127	27" BCCMP - 16 gauge	LF	\$36.00
303130	30" BCCMP - 16 gauge	LF	\$42.00
303206	6" BCCMP - 14 gauge	LF	\$16.00
303212	12" BCCMP - 14 gauge	LF	\$17.00
303215	15" BCCMP - 14 gauge	LF	\$20.00
303218	18" BCCMP - 14 gauge	LF	\$24.00
303221	21" BCCMP - 14 gauge	LF	\$26.00
303224	24" BCCMP - 14 gauge	LF	\$31.00
303227	27" BCCMP - 14 gauge	LF	\$36.00
303230	30" BCCMP - 14 gauge	LF	\$42.00

303336	36" BCCMP - 14 gauge	LF	\$50.00
303342	42" BCCMP - 14 gauge	LF	\$60.00
303348	48" BCCMP - 14 gauge	LF	\$74.00
303354	54" BCCMP - 14 gauge	LF	\$86.00
303360	60" BCCMP - 14 gauge	LF	\$100.00
304108	8" CMP Galvanized - 16 gauge	LF	\$9.00
304110	10" CMP Galvanized - 16 gauge	LF	\$12.00
304112	12" CMP Galvanized - 16 gauge	LF	\$15.00
304115	15" CMP Galvanized - 16 gauge	LF	\$18.00
304118	18" CMP Galvanized - 16 gauge	LF	\$22.00
304121	21" CMP Galvanized - 16 gauge	LF	\$24.00
304124	24" CMP Galvanized - 16 gauge	LF	\$45.00
304224	24" CMP Galvanized - 14 gauge	LF	\$29.00
304227	27" CMP Galvanized - 14 gauge	LF	\$34.00
304230	30" CMP Galvanized - 14 gauge	LF	\$40.00
304236	36" CMP Galvanized - 14 gauge	LF	\$75.00
304242	42" CMP Galvanized - 14 gauge	LF	\$90.00
304336	36" CMP Galvanized - 12 gauge	LF	\$48.00
304348	48" CMP Galvanized - 12 gauge	LF	\$72.00
304354	54" CMP Galvanized - 12 gauge	LF	\$84.00
304560	60" CMP Galvanized - 10 gauge	LF	\$98.00
304566	66" CMP Galvanized - 10 gauge	LF	\$110.00
304572	72" CMP Galvanized - 8 gauge	LF	\$125.00
305108	8" CMP Aluminized - 16 gauge	LF	\$11.00
305110	10" CMP Aluminized - 16 gauge	LF	\$14.00
305112	12" CMP Aluminized - 16 gauge	LF	\$17.00
305115	15" CMP Aluminized - 16 gauge	LF	\$20.00
305118	18" CMP Aluminized - 16 gauge	LF	\$24.00
305121	21" CMP Aluminized - 16 gauge	LF	\$26.00
305212	12" CMP Aluminized - 14 gauge	LF	\$28.00
305215	15" CMP Aluminized - 14 gauge	LF	\$30.00
305218	18" CMP Aluminized - 14 gauge	LF	\$35.00
305221	21" CMP Aluminized - 14 gauge	LF	\$38.00
305224	24" CMP Aluminized - 14 gauge	LF	\$31.00
305227	27" CMP Aluminized - 14 gauge	LF	\$36.00
305230	30" CMP Aluminized - 14 gauge	LF	\$42.00
305336	36" CMP Aluminized - 12 gauge	LF	\$50.00
305348	48" CMP Aluminized - 12 gauge	LF	\$74.00
305354	54" CMP Aluminized - 12 gauge	LF	\$86.00
305560	60" CMP Aluminized - 10 gauge	LF	\$100.00
305566	66" CMP Aluminized - 10 gauge	LF	\$112.00
305572	72" CMP Aluminized - 8 gauge	LF	\$127.00
310012	12" HDPE, Smooth Inside, Plastic Rigid Pipe	LF	\$24.00
310015	15" HDPE, Smooth Inside, Plastic Rigid Pipe	LF	\$27.00
310018	18" HDPE, Smooth Inside, Plastic Rigid Pipe	LF	\$29.00
310024	24" HDPE, Smooth Inside, Plastic Rigid Pipe	LF	\$35.00
310030	30" HDPE, Smooth Inside, Plastic Rigid Pipe	LF	\$50.00
310036	36" HDPE, Smooth Inside, Plastic Rigid Pipe	LF	\$66.00
310039	39" HDPE, Smooth Inside, Plastic Rigid Pipe	LF	\$82.00
311004	4" PVC Schedule 40 Rigid Pipe	LF	\$9.00
311006	6" PVC Schedule 40 Rigid Pipe	LF	\$10.00
311008	8" PVC Schedule 40 Rigid Pipe	LF	\$11.00
311010	10" PVC Schedule 40 Rigid Pipe	LF	\$13.00
311012	12" PVC Schedule 40 Rigid Pipe	LF	\$15.00
311104	Perforated 4" PVC Schedule 40 Rigid Pipe	LF	\$15.00
311106	Perforated 6" PVC Schedule 40 Rigid Pipe	LF	\$16.00
311108	Perforated 8" PVC Schedule 40 Rigid Pipe	LF	\$19.00
311110	Perforated 10" PVC Schedule 40 Rigid Pipe	LF	\$28.00
311112	Perforated 12" PVC Schedule 40 Rigid Pipe	LF	\$33.00

312314	14"x23" Horiz. Ellipt. RCCP Class HE III	LF	\$41.00
312319	19"x30" Horiz. Ellipt. RCCP Class HE III	LF	\$51.00
312322	22"x34" Horiz. Ellipt. RCCP Class HE III	LF	\$59.00
312324	24"x38" Horiz. Ellipt. RCCP Class HE III	LF	\$68.00
312327	27"x42" Horiz. Ellipt. RCCP Class HE III	LF	\$78.00
312329	29"x45" Horiz. Ellipt. RCCP Class HE III	LF	\$95.00
312332	32"x49" Horiz. Ellipt. RCCP Class HE III	LF	\$99.00
312334	34"x53" Horiz. Ellipt. RCCP Class HE III	LF	\$107.00
312338	38"x60" Horiz. Ellipt. RCCP Class HE III	LF	\$121.00
312343	43"x68" Horiz. Ellipt. RCCP Class HE III	LF	\$148.00
312348	48"x76" Horiz. Ellipt. RCCP Class HE III	LF	\$185.00
312353	53"x85" Horiz. Ellipt. RCCP Class HE III	LF	\$196.00
312358	58"x91" Horiz. Ellipt. RCCP Class HE III	LF	\$258.00
312363	63"x98" Horiz. Ellipt. RCCP Class HE III	LF	\$297.00
312368	68"x106" Horiz. Ellipt. RCCP Class HE III	LF	\$343.00
312372	72"x113" Horiz. Ellipt. RCCP Class HE III	LF	\$428.00
312377	77"x121" Horiz. Ellipt. RCCP Class HE III	LF	\$501.00
312382	82"x128" Horiz. Ellipt. RCCP Class HE III	LF	\$547.00
312387	87"x136" Horiz. Ellipt. RCCP Class HE III	LF	\$601.00
312414	14"x23" Horiz. Ellipt. RCCP Class HE IV	LF	\$43.00
312419	19"x30" Horiz. Ellipt. RCCP Class HE IV	LF	\$54.00
312422	22"x34" Horiz. Ellipt. RCCP Class HE IV	LF	\$62.00
312424	24"x38" Horiz. Ellipt. RCCP Class HE IV	LF	\$72.00
312427	27"x42" Horiz. Ellipt. RCCP Class HE IV	LF	\$83.00
312429	29"x45" Horiz. Ellipt. RCCP Class HE IV	LF	\$100.00
312432	32"x49" Horiz. Ellipt. RCCP Class HE IV	LF	\$105.00
312434	34"x53" Horiz. Ellipt. RCCP Class HE IV	LF	\$115.00
312438	38"x60" Horiz. Ellipt. RCCP Class HE IV	LF	\$133.00
312443	43"x68" Horiz. Ellipt. RCCP Class HE IV	LF	\$163.00
312448	48"x76" Horiz. Ellipt. RCCP Class HE IV	LF	\$205.00
312453	53"x85" Horiz. Ellipt. RCCP Class HE IV	LF	\$216.00
312458	58"x91" Horiz. Ellipt. RCCP Class HE IV	LF	\$288.00
312463	63"x98" Horiz. Ellipt. RCCP Class HE IV	LF	\$373.00
312468	68"x106" Horiz. Ellipt. RCCP Class HE IV	LF	\$426.00
312472	72"x113" Horiz. Ellipt. RCCP Class HE IV	LF	\$521.00
312477	77"x121" Horiz. Ellipt. RCCP Class HE IV	LF	\$583.00
312482	82"x128" Horiz. Ellipt. RCCP Class HE IV	LF	\$637.00
312487	87"x136" Horiz. Ellipt. RCCP Class HE IV	LF	\$698.00
313515	15" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	\$44.00
313518	18" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	\$48.00
313521	21" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	\$52.00
313524	24" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	\$55.00
313527	27" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	\$59.00
313530	30" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	\$65.00
313533	33" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	\$71.00
313536	36" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	\$80.00
313542	42" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	\$102.00
313548	48" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	\$118.00
313554	54" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	\$138.00
313560	60" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	\$195.00
313566	66" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	\$213.00
313572	72" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	\$235.00
313615	15" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	\$45.00
313618	18" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	\$49.00
313621	21" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	\$54.00
313624	24" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	\$58.00
313627	27" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	\$63.00
313630	30" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	\$69.00
313633	33" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	\$72.00
313636	36" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	\$82.00
313642	42" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	\$105.00
313648	48" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	\$121.00
313654	54" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	\$141.00
313660	60" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	\$198.00
313666	66" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	\$217.00
313672	72" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	\$240.00
313715	15" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF	\$45.00
313718	18" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF	\$50.00
313721	21" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF	\$55.00

313724	24" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25		LF	\$59.00
313727	27" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25		LF	\$65.00
313730	30" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25		LF	\$71.00
313733	33" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25		LF	\$76.00
313736	36" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25		LF	\$83.00
313742	42" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25		LF	\$113.00
313748	48" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25		LF	\$134.00
313754	54" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25		LF	\$144.00
313760	60" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25		LF	\$210.00
313766	66" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25		LF	\$225.00
313772	72" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25		LF	\$260.00
313815	15" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25		LF	\$46.00
313818	18" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25		LF	\$51.00
313821	21" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25		LF	\$56.00
313824	24" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25		LF	\$61.00
313827	27" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25		LF	\$67.00
313830	30" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25		LF	\$73.00
313833	33" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25		LF	\$80.00
313836	36" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25		LF	\$88.00
313842	42" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25		LF	\$115.00
313848	48" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25		LF	\$137.00
313854	54" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25		LF	\$153.00
313860	60" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25		LF	\$214.00
313866	66" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25		LF	\$240.00
313872	72" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25		LF	\$265.00
314117	17" x 13" CSP Pipe Arch - 16 gauge	15"	LF	\$23.00
314121	21" x 15" CSP Pipe Arch - 16 gauge	18"	LF	\$27.00
314124	24" x 18" CSP Pipe Arch - 16 gauge	21"	LF	\$33.00
314228	28" x 20" CSP Pipe Arch - 14 gauge	24"	LF	\$38.00
314235	35" x 24" CSP Pipe Arch - 14 gauge	30"	LF	\$48.00
314342	42" x 29" CSP Pipe Arch - 12 gauge	36"	LF	\$82.00
314349	49" x 33" CSP Pipe Arch - 12 gauge	42"	LF	\$89.00
314357	57" x 38" CSP Pipe Arch - 10 gauge	48"	LF	\$106.00
315117	17" x 13" CAP Pipe Arch - 16 gauge	15"	LF	\$23.00
315121	21" x 15" CAP Pipe Arch - 16 gauge	18"	LF	\$27.00
315124	24" x 18" CAP Pipe Arch - 16 gauge	21"	LF	\$33.00
315228	28" x 20" CAP Pipe Arch - 14 gauge	24"	LF	\$38.00
315235	35" x 24" CAP Pipe Arch - 14 gauge	30"	LF	\$48.00
315342	42" x 29" CAP Pipe Arch - 12 gauge	36"	LF	\$82.00
315349	49" x 33" CAP Pipe Arch - 12 gauge	42"	LF	\$89.00
315357	57" x 38" CAP Pipe Arch - 12 gauge	48"	LF	\$106.00
316117	17" x 13" CM Pipe Arch - Coated & Paved - 16 gauge	15"	LF	\$31.00
316121	21" x 15" CM Pipe Arch - Coated & Paved - 16 gauge	18"	LF	\$37.00
316228	28" x 20" CM Pipe Arch - Coated & Paved - 14 gauge	24"	LF	\$51.00
316235	35" x 24" CM Pipe Arch - Coated & Paved - 14 gauge	30"	LF	\$63.00
316342	42" x 29" CM Pipe Arch - Coated & Paved - 12 gauge	36"	LF	\$101.00
316349	49" x 33" CM Pipe Arch - Coated & Paved - 12 gauge	42"	LF	\$116.00
316357	57" x 38" CM Pipe Arch - Coated & Paved - 12 gauge	48"	LF	\$135.00
317117	17" x 13" ALCM Pipe Arch - Coated & Paved - 16 gauge	15"	LF	\$31.00
317121	21" x 15" ALCM Pipe Arch - Coated & Paved - 16 gauge	18"	LF	\$37.00
317228	28" x 20" ALCM Pipe Arch - Coated & Paved - 14 gauge	24"	LF	\$51.00
317235	35" x 24" ALCM Pipe Arch - Coated & Paved - 14 gauge	30"	LF	\$63.00
317342	42" x 29" ALCM Pipe Arch - Coated & Paved - 12 gauge	36"	LF	\$101.00
317349	49" x 33" ALCM Pipe Arch - Coated & Paved - 12 gauge	42"	LF	\$116.00
317357	57" x 38" ALCM Pipe Arch - Coated & Paved - 12 gauge	48"	LF	\$135.00
318108	8" BCMP Galvanized - 16 gauge		LF	\$12.00
318110	10" BCMP Galvanized - 16 gauge		LF	\$15.00
318112	12" BCMP Galvanized - 16 gauge		LF	\$19.00

318115	15" BCMP Galvanized - 16 gauge		LF	\$23.00
318118	18" BCMP Galvanized - 16 gauge		LF	\$27.00
318224	24" BCMP Galvanized - 14 gauge		LF	\$42.00
318230	30" BCMP Galvanized - 14 gauge		LF	\$51.00
318336	36" BCMP Galvanized - 12 gauge		LF	\$80.00
318348	48" BCMP Galvanized - 12 gauge		LF	\$104.00
318460	60" BCMP Galvanized - 10 gauge		LF	\$154.00
318572	72" BCMP Galvanized - 8 gauge		LF	\$241.00
319108	8" BCMP Aluminized - 16 gauge		LF	\$12.00
319110	10" BCMP Aluminized - 16 gauge		LF	\$15.00
319112	12" BCMP Aluminized - 16 gauge		LF	\$19.00
319115	15" BCMP Aluminized - 16 gauge		LF	\$23.00
319118	18" BCMP Aluminized - 16 gauge		LF	\$27.00
319224	24" BCMP Aluminized - 14 gauge		LF	\$42.00
319230	30" BCMP Aluminized - 14 gauge		LF	\$51.00
319336	36" BCMP Aluminized - 12 gauge		LF	\$80.00
319348	48" BCMP Aluminized - 12 gauge		LF	\$104.00
319460	60" BCMP Aluminized - 10 gauge		LF	\$154.00
319572	72" BCMP Aluminized - 8 gauge		LF	\$241.00
353312	Standard A Headwall - 12" Pipe		EA	\$800.00
353315	Standard A Headwall - 15" Pipe		EA	\$1,000.00
353318	Standard A Headwall - 18" Pipe	SD-5.11	EA	\$1,122.00
353321	Standard A Headwall - 21" Pipe	SD-5.11	EA	\$1,188.00
353324	Standard A Headwall - 24" Pipe	SD-5.11	EA	\$1,254.00
353327	Standard A Headwall - 27" Pipe	SD-5.11	EA	\$1,320.00
353330	Standard A headwall - 30" Pipe	SD-5.11	EA	\$1,881.00
353333	Standard A headwall - 33" Pipe	SD-5.11	EA	\$2,500.00
353336	Standard A Headwall - 36" Pipe	SD-5.11	EA	\$2,079.00
353342	Standard A Headwall - 42" Pipe	SD-5.11	EA	\$2,554.00
353348	Standard A Headwall - 48" Pipe	SD-5.11	EA	\$3,353.00
353354	Standard A Headwall - 54" Pipe	SD-5.11	EA	\$4,290.00
353360	Standard A Headwall - 60" Pipe	SD-5.11	EA	\$5,267.00
353366	Standard A Headwall - 66" Pipe	SD-5.11	EA	\$6,032.00
353372	Standard A Headwall - 72" Pipe	SD-5.11	EA	\$7,326.00
354412	Standard C Endwall - 12" Pipe	SD-5.21	EA	\$405.00
354415	Standard C Endwall - 15" Pipe	SD-5.21	EA	\$515.00
354418	Standard C Endwall - 18" Pipe	SD-5.21	EA	\$630.00
354421	Standard C Endwall - 21" Pipe			
354424	Standard C Endwall - 24" Pipe	SD-5.21	EA	\$1,035.00
354427	Standard C Endwall - 27" Pipe			
354430	Standard C Endwall - 30" Pipe	SD-5.21	EA	\$1,450.00
354433	Standard C Endwall - 33" Pipe			
354436	Standard C Endwall - 36" Pipe	SD-5.21	EA	\$2,770.00
354442	Standard C Endwall - 42" Pipe	SD-5.21	EA	\$3,400.00
354448	Standard C Endwall - 48" Pipe	SD-5.21	EA	\$4,060.00
354454	Standard C Endwall - 54" Pipe	SD-5.21	EA	\$5,090.00
354460	Standard C Endwall - 60" Pipe	SD-5.21	EA	\$5,875.00
355511	Standard C Headwall - 17" x 13" CMPA	MD-355.01	EA	\$360.00
355513	Standard C Headwall - 21" x 15" CMPA	MD-355.01	EA	\$495.00
355516	Standard C Headwall - 24" x 18" CMPA	MD-355.01	EA	\$630.00
355518	Standard C Headwall - 28" x 20" CMPA	MD-355.01	EA	\$545.00
355522	Standard C Headwall - 35" x 24" CMPA	MD-355.01	EA	\$1,290.00
355527	Standard C Headwall - 42" x 29" CMPA	MD-355.01	EA	\$1,250.00
355531	Standard C Headwall - 49" x 33" CMPA	MD-355.01	EA	\$2,845.00
355536	Standard C Headwall - 57" x 38" CMPA	MD-355.01	EA	\$2,775.00
355541	Standard C Headwall - 64" x 43" CMPA	MD-355.01	EA	\$3,985.00
355545	Standard C Headwall - 71" x 47" CMPA	MD-355.01	EA	\$3,905.00
356612	Standard E Headwall - 12" Pipe	SD-5.31	EA	\$485.00
356615	Standard E Headwall - 15" Pipe	SD-5.31	EA	\$615.00
356618	Standard E Headwall - 18" Pipe	SD-5.31	EA	\$755.00

356621	Standard E Headwall - 21" Pipe		EA	\$1,300.00
356624	Standard E Headwall - 24" Pipe	SD-5.31	EA	\$1,190.00
352627	Standard E Headwall - 27" Pipe		EA	\$1,900.00
356630	Standard E Headwall - 30" Pipe	SD-5.31	EA	\$1,725.00
356633	Standard E Headwall - 33" Pipe		EA	\$3,300.00
356636	Standard E Headwall - 36" Pipe	SD-5.31	EA	\$3,315.00
356642	Standard E Headwall - 42" Pipe	SD-5.31	EA	\$4,110.00
356648	Standard E Headwall - 48" Pipe	SD-5.31	EA	\$4,905.00
356654	Standard E Headwall - 54" Pipe	SD-5.31	EA	\$6,100.00
356660	Standard E Headwall - 60" Pipe	SD-5.31	EA	\$7,100.00
357709	Standard E Headwall - 13" x 11" CMPA	SD-5.32	EA	\$475.00
357711	Standard E Headwall - 17" x 13" CMPA	SD-5.32	EA	\$470.00
357713	Standard E Headwall - 21" x 15" CMPA	SD-5.32	EA	\$840.00
357716	Standard E Headwall - 24" x 18" CMPA	SD-5.32	EA	\$835.00
357718	Standard E Headwall - 28" x 20" CMPA	SD-5.32	EA	\$815.00
357722	Standard E Headwall - 35" x 24" CMPA	SD-5.32	EA	\$1,675.00
357727	Standard E Headwall - 42" x 29" CMPA	SD-5.32	EA	\$1,640.00
357731	Standard E Headwall - 49" x 33" CMPA	SD-5.32	EA	\$3,765.00
357736	Standard E Headwall - 57" x 38" CMPA	SD-5.32	EA	\$3,700.00
357741	Standard E Headwall - 64" x 43" CMPA	SD-5.32	EA	\$5,285.00
357745	Standard E Headwall - 71" x 47" CMPA	SD-5.32	EA	\$5,205.00
358818	Standard O Headwall - 18" Pipe	SD-5.41	EA	\$659.00
358821	Standard O Headwall - 21" Pipe	SD-5.41	EA	\$776.00
358824	Standard O Headwall - 24" Pipe	SD-5.41	EA	\$905.00
358827	Standard O Headwall - 27" Pipe	SD-5.41	EA	\$1,042.00
358830	Standard O Headwall - 30" Pipe	SD-5.41	EA	\$1,183.00
358836	Standard O Headwall - 36" Pipe	SD-5.41	EA	\$1,722.00
358842	Standard O Headwall - 42" Pipe	SD-5.41	EA	\$2,183.00
358848	Standard O Headwall - 48" Pipe	SD-5.41	EA	\$2,738.00
358854	Standard O Headwall - 54" Pipe	SD-5.41	EA	\$3,285.00
358860	Standard O Headwall - 60" Pipe	SD-5.41	EA	\$3,956.00
358866	Standard O Headwall - 66" Pipe	SD-5.41	EA	\$4,673.00
358872	Standard O Headwall - 72" Pipe	SD-5.41	EA	\$5,423.00
359914	Standard O Headwall - 14" x 23" HERCCP	SD-5.42	EA	\$527.00
359919	Standard O Headwall - 19" x 30" HERCCP	SD-5.42	EA	\$752.00
359922	Standard O Headwall - 22" x 34" HERCCP	SD-5.42	EA	\$902.00
359924	Standard O Headwall - 24" x 38" HERCCP	SD-5.42	EA	\$643.00
359927	Standard O headwall - 27" x 42" HERCCP	SD-5.42	EA	\$760.00
359929	Standard O Headwall - 29" x 45" HERCCP	SD-5.42	EA	\$1,443.00
359934	Standard O Headwall - 34" x 53" HERCCP	SD-5.42	EA	\$1,847.00
359938	Standard O Headwall - 38" x 60" HERCCP	SD-5.42	EA	\$2,244.00
359943	Standard O Headwall - 43" x 68" HERCCP	SD-5.42	EA	\$2,747.00
367012	12" HDPE End Section		EA	\$250.00
367015	15" HDPE End Section		EA	\$285.00
367018	18" HDPE End Section		EA	\$325.00
367024	24" HDPE End Section		EA	\$375.00
367030	30" HDPE End Section		EA	\$615.00
367036	36" HDPE End Section		EA	\$850.00
367039	39" HDPE End Section		EA	\$1,000.00
368812	Concrete End Section 12" RCCP	SD-5.51	EA	\$250.00
368815	Concrete End Section 15" RCCP	SD-5.51	EA	\$300.00
368818	Concrete End Section 18" RCCP	SD-5.51	EA	\$325.00
368821	Concrete End Section 21" RCCP	SD-5.51	EA	\$350.00
368824	Concrete End Section 24" RCCP	SD-5.51	EA	\$425.00
368827	Concrete End Section 27" RCCP		EA	\$500.00
368830	Concrete End Section 30" RCCP	SD-5.51	EA	\$550.00
368833	Concrete End Section 33" RCCP		EA	\$775.00
368836	Concrete End Section 36" RCCP	SD-5.51	EA	\$800.00
368842	Concrete End Section 42" RCCP	SD-5.51	EA	\$1,000.00
368848	Concrete End Section 48" RCCP	SD-5.51	EA	\$1,300.00
368854	Concrete End Section 54" RCCP	SD-5.51	EA	\$1,500.00
368860	Concrete End Section 60" RCCP	SD-5.51	EA	\$1,850.00
368866	Concrete End Section 66" RCCP	SD-5.51	EA	\$2,200.00
368872	Concrete End Section 72" RCCP	SD-5.51	EA	\$2,500.00
369914	Concrete End Section - 14" x 23" HERCCP		EA	\$295.00
369919	Concrete End Section - 19" x 30" HERCCP		EA	\$340.00
369922	Concrete End Section - 22" x 34" HERCCP		EA	\$395.00

369924	Concrete End Section - 24" x 38" HERCCP		EA	\$445.00
369927	Concrete End Section - 27" x 42" HERCCP		EA	\$680.00
369929	Concrete End Section - 29" x 45" HERCCP		EA	\$910.00
369932	Concrete End Section - 32" x 49" HERCCP		EA	\$1,005.00
369934	Concrete End Section - 34" x 53" HERCCP		EA	\$1,100.00
369938	Concrete End Section - 38" x 60" HERCCP		EA	\$1,330.00
369943	Concrete End Section - 43" x 68" HERCCP		EA	\$1,690.00
369948	Concrete End Section - 48" x 76" HERCCP		EA	\$1,970.00
370012	End Section 12" CMP	SD-5.61	EA	\$230.00
370015	End Section 15" CMP	SD-5.61	EA	\$290.00
370018	End Section 18" CMP	SD-5.61	EA	\$325.00
370021	End Section 21" CMP	SD-5.61	EA	\$345.00
370024	End Section 24" CMP	SD-5.61	EA	\$375.00
370027	End Section 27" CMP		EA	\$440.00
370030	End Section 30" CMP	SD-5.61	EA	\$500.00
370033	End Section 33" CMP		EA	\$590.00
370036	End Section 36" CMP	SD-5.61	EA	\$850.00
370042	End Section 42" CMP	SD-5.61	EA	\$1,035.00
370048	End Section 48" CMP	SD-5.61	EA	\$1,250.00
370054	End Section 54" CMP	SD-5.61	EA	\$1,580.00
370060	End Section 60" CMP	SD-5.61	EA	\$1,800.00
370066	End Section 66" CMP	SD-5.61	EA	\$1,900.00
370072	End Section 72" CMP	SD-5.61	EA	\$2,000.00
370078	End Section 78" CMP	SD-5.61	EA	\$2,500.00
370084	End Section 84" CMP	SD-5.61	EA	\$3,000.00
371011	End Section 17" x 13" CMPA	SD-5.63	EA	\$107.00
371013	End Section 21" x 15" CMPA	SD-5.63	EA	\$164.00
371016	End Section 24" x 18" CMPA	SD-5.63	EA	\$115.00
371018	End Section 28" x 20" CMPA	SD-5.63	EA	\$255.00
371022	End Section 35" x 24" CMPA	SD-5.63	EA	\$324.00
371027	End Section 42" x 29" CMPA	SD-5.63	EA	\$412.00
371031	End Section 49" x 33" CMPA	SD-5.63	EA	\$500.00
371036	End Section 57" x 38" CMPA	SD-5.63	EA	\$550.00
371041	End Section 64" x 43" CMPA	SD-5.63	EA	\$600.00
371045	End Section 71" x 47" CMPA	SD-5.63	EA	\$650.00
371050	End Section 77" x 52" CMPA	SD-5.63	EA	\$700.00
371055	End Section 83" x 57" CMPA	SD-5.63	EA	\$750.00
372120	Single WR Inlet	MD-374.06	EA	\$1,375.00
372121	Single WR Inlet - Vertical Depth Exceeds 4 ft.		VF	\$127.00
372122	Standard WR Inlet	MD-374.04	EA	\$1,947.00
372123	Standard WR Inlet - Vertical Depth Exceeds 4 ft.		VF	\$127.00
372126	Precast Single WR Inlet	SD-4.37	EA	\$1,350.00
372127	Precast Single WR Inlet - Vertical Depth Exceeds 4 ft.		VF	\$200.00
372128	Precast WR Inlet	SD-4.35	EA	\$2,456.00
372129	Precast WR Inlet - Vertical Depth Exceeds 4 ft.		VF	\$140.00
372130	Precast NR Inlet	SD-4.38	EA	\$1,375.00
372131	Precast NR Inlet - Vertical Depth Exceeds 4 ft.		VF	\$127.00
372152	Standard WRM Inlet	MD-374.05	EA	\$2,970.00
372153	Standard WRM Inlet - Vertical Depth Exceeds 4 ft.		VF	\$149.00
374005	Standard 5' COG Inlet	MD-374.51	EA	\$2,200.00
374006	Standard 5' COG - Vertical Depth Exceeds 6 ft.		VF	\$165.00
374015	Standard 10' COG Inlet	MD-374.51	EA	\$3,300.00
374016	Standard 10' COG - Vertical Depth Exceeds 6 ft.		VF	\$176.00
374025	Standard 15' COG Inlet	MD-374.51	EA	\$4,400.00
374026	Standard 15' COG - Vertical Depth Exceeds 6 ft.		VF	\$187.00
374035	Standard 20' COG Inlet	MD-374.51	EA	\$4,950.00
374036	Standard 20' COG - Vertical Depth Exceeds 6 ft.		VF	\$198.00
374205	Standard 5' COS Inlet	MD-374.61	EA	\$2,200.00
374206	Standard 5' COS - Vertical Depth Exceeds 6 ft.		VF	\$165.00
374215	Standard 10' COS Inlet	MD-374.61	EA	\$3,300.00
374216	Standard 10' COS - Vertical Depth Exceeds 6 ft.		VF	\$176.00
374225	Standard 15' COS Inlet	MD-374.61	EA	\$4,400.00
374226	Standard 15' COS - Vertical Depth Exceeds 6 ft.		VF	\$187.00
374235	Standard 20' COS Inlet	MD-374.61	EA	\$4,950.00
374236	Standard 20' COS - Vertical Depth Exceeds 6 ft.		VF	\$198.00
374305	A-5	SD-4.01	EA	\$1,830.00
374306	A-5 w/ Deflector	SD-4.01 w/SD-4.83	EA	\$2,230.00

374307	Precast Standard A-5 Inlet	SD-4.40	EA	\$1,500.00
374310	A-10	SD-4.02	EA	\$2,870.00
374311	A-10 w/ Deflector	SD-4.02 w/SD-4.83	EA	\$3,270.00
374312	Precast Standard A-10 Inlet	SD-4.41	EA	\$2,500.00
375000	Type "C" Inlet	SD-4.15	EA	\$2,200.00
375001	Type "C" Inlet - Vertical Depth Exceeds 4 ft.		VF	\$165.00
375005	Type "D" Inlet	SD-4.11	EA	\$1,400.00
375006	Type "D" Inlet - Vertical Depth Exceeds 4 ft.		VF	\$127.00
375007	Precast Standard Type "D" Inlet	SD-4.39	EA	\$913.00
375010	Type "E" Inlet	SD-4.21	EA	\$2,400.00
375011	Type "E" Inlet - Vertical Depth Exceeds 4 ft.		VF	\$127.00
375016	Type "E" Combination Inlet	SD-4.31	EA	\$3,000.00
375017	Type "E" Combination Inlet - Vertical Depth Exceeds 4 ft.		VF	\$127.00
377000	Type "J" Inlet	MD-377.01	EA	\$1,896.00
377001	Type "J" Inlet - Vertical Depth Exceeds 4 ft.		VF	\$243.00
378164	Type "K" Inlet	SD-4.12	EA	\$1,692.00
378165	Type "K" Inlet - Vertical Depth Exceeds 4 ft.		VF	\$122.00
379105	Type "S" Combination Inlet	SD-4.32	EA	\$1,485.00
379106	Type "S" Combination Inlet - Vertical Depth Exceeds 4 ft.		VF	\$127.00
379110	Type Single - "S"	SD-4.22	EA	\$2,025.00
379111	Type Single "S" - Vertical Depth Exceeds 4 ft.		VF	\$127.00
379120	Type Double - "S"	SD-4.23	EA	\$2,485.00
379122	Type Double "S" - Vertical Depth Exceeds 4 ft.		VF	\$149.00
379130	Double Type "S" Combination Inlet (Parallel to Curb)	SD-4.34	EA	\$1,832.00
379135	Double Type "S" Combination Inlet (Normal to Curb)	SD-4.33	EA	\$1,832.00
379136	Double Type "S" Combination - Vertical Depth Exceeds 4 ft.		VF	\$149.00
380120	Yard Inlet	SD-4.14	EA	\$1,405.00
380122	Yard Inlet - Vertical Depth Exceeds 4 ft.		VF	\$182.00
380130	Precast Open End Grate	SD-4.36	EA	\$1,000.00
380200	Water Quality Inlet (Oil/Grit Separator)	SD-4.42	EA	\$13,860.00
380201	Adjust Existing Inlet		EA	\$445.00
380202	Reconstruct Existing Inlet		EA	\$1,600.00
380301	Field Connection - 15" to 27"	SD-2.01	EA	\$250.00
380302	Field Connection - 15" to 30"	SD-2.01	EA	\$275.00
380303	Field Connection - 15" to 33"	SD-2.01	EA	\$300.00
380304	Field Connection - 15" to 36"	SD-2.01	EA	\$325.00
380305	Field Connection - 15" to 42"	SD-2.01	EA	\$350.00
380306	Field Connection - 15" to 48"	SD-2.01	EA	\$400.00
380307	Field Connection - 15" to 54"	SD-2.01	EA	\$450.00
380308	Field Connection - 15" to 60"	SD-2.01	EA	\$500.00
380309	Field Connection - 18" to 60"	SD-2.01	EA	\$525.00
380310	Field Connection - 24" to 60"	SD-2.01	EA	\$550.00
380311	Field Connection - 27" to 60"	SD-2.01	EA	\$575.00
380312	Field Connection - 30" to 48"	SD-2.01	EA	\$575.00
380313	Field Connection - 30" to 60"	SD-2.01	EA	\$575.00
380404	Type A-Manhole - (Brick) 4' Diameter	G-5.01	EA	\$2,060.00
380405	Type A-Manhole - (Brick) 5' Diameter	G-5.02	EA	\$2,190.00
380406	Type A-Manhole - (Brick) 6' Diameter	G-5.03	EA	\$2,860.00
380414	Type A-Manhole - (Brick) 4' Diameter Offset	G-5.04	EA	\$2,500.00
380504	Type B-Manhole (Shallow Brick) - 4' Diameter	G-5.05	EA	\$1,805.00
380600	Type C-Manhole (Precast) - 4' Diameter (12" - 24" Pipes)	G-5.12	EA	\$1,590.00
380605	Type C-Manhole (Precast) - 4' Diameter - Vertical Depth Exceeds 8'		VF	\$150.00
380610	Type C-Manhole (Precast) - 5' Diameter (27" - 36" Pipes)	G-5.13	EA	\$2,650.00
380615	Type C-Manhole (Precast) - 5' Diameter - Vertical Depth Exceeds 8'		VF	\$200.00
380620	Type C-Manhole (Precast) - 6' Diameter (42" - 48" Pipes)	MD-384.05	EA	\$3,930.00
380625	Type C-Manhole (Precast) - 6' Diameter - Vertical Depth Exceeds 8'		VF	\$300.00
380630	Type C-Manhole (Precast) - 7' Diameter (54" - 60" Pipes)	MD-384.07	EA	\$5,750.00
380635	Type C-Manhole (Precast) - 7' Diameter - Vertical Depth Exceeds 8'		VF	\$400.00
380640	Type C-Manhole (Precast) - 8' Diameter (72" - 84" Pipes)	MD-384.09	EA	\$7,500.00
380645	Type C-Manhole (Precast) - 8' Diameter - Vertical Depth Exceeds 8'		VF	\$500.00
380660	Type C-Manhole (Precast) - 10' Diameter (90" - 96" Pipes)	MD-384.11	EA	\$10,000.00
380665	Type C-Manhole (Precast) - 10' Diameter - Vertical Depth Exceeds 8'		VF	\$600.00

380704	Type C-Manhole (Precast Shallow) - 4' Diameter	G-5.12	EA	\$2,050.00
380705	Type C-Manhole (Precast Shallow) - 5' Diameter	G-5.13	EA	\$2,500.00
380900	Manhole Cover	G-5.51 - G-5.53	EA	\$790.00
380910	Manhole Steps	G-5.21	EA	\$18.00
387001	Subgrade Trench Drains	R-8.01	LF	\$7.10
387104	4" Perforated Circular Pipe Underdrain		LF	\$5.00
387105	6" Perforated Circular Pipe Longitudinal Underdrain		LF	\$6.00
387106	6" Perforated Circular Pipe Underdrain		LF	\$7.00
387108	8" Perforated Circular Pipe Underdrain		LF	\$8.00
387114	4" Circular Pipe Underdrain Outlets		LF	\$7.00
387116	6" Circular Pipe Underdrain Outlets		LF	\$10.00
387118	8" Circular Pipe Underdrain Outlets		LF	\$17.00
387120	Aggregate Backfill for Underdrains		CY	\$17.00
387125	Geotextile for Underdrains		SY	\$2.00
387204	4" PVC Pipe Schedule 80		LF	\$10.00
387206	6" PVC Pipe Schedule 80		LF	\$20.00
387304	4" Perforated PVC Pipe Schedule 80		LF	\$12.00
387306	6" Perforated PVC Pipe Schedule 80		LF	\$34.00
388042	Temporary Slope Drain - 12" Pipe		LF	\$11.00
388043	Temporary Slope Drain - 18" Pipe		LF	\$13.00
388045	Temporary Slope Drain - 24" Pipe		LF	\$11.00
388046	Temporary Slope Drain - 30" Pipe		LF	\$13.00
388052	Remove & Reset Temporary Slope Drain - 12" Pipe		LF	\$7.00
388053	Remove & Reset Temporary Slope Drain - 18" Pipe		LF	\$6.50
388055	Remove & Reset Temporary Slope Drain - 24" Pipe		LF	\$4.50
388056	Remove & Reset Temporary Slope Drain - 30" Pipe		LF	\$4.00
388058	Erosion & Sediment Control Original Excavation		CY	\$6.00
388059	Erosion & Sediment Control Cleanout Excavation		CY	\$4.00
388062	Earth Dike		LF	\$3.00
388064	Perimeter Dike/Swale		LF	\$3.00
388066	Inlet Protection		EA	\$160.00
388067	Diversions Dike		LF	\$3.00
388070	Straw Bales		LF	\$3.00
388074	Placed Rip-Rap for Sediment Control		TON	\$32.00
389400	Infiltration Trench		CY	\$41.00
389404	Gabions - 6' x 3' x 1' Basket (Stone, Basket, Filter Cloth)		EA	\$180.00
389405	Gabions - 6' x 3' x 1.5' Basket (Stone, Basket, Filter Cloth)		EA	\$240.00
389406	Gabions - 6' x 3' x 3' Basket (Stone, Basket, Filter Cloth)		EA	\$360.00
389409	Gabions - 9' x 3' x 3' Basket (Stone, Basket, Filter Cloth)		EA	\$460.00
389410	Gabions - 9' x 6' x .75' Basket (Stone, Basket, Filter Cloth)		EA	\$360.00
389411	Gabions - 12' x 3' x 1' Basket (Stone, Basket, Filter Cloth)		EA	\$310.00
389412	Gabions - 12' x 3' x 3' Basket (Stone, Basket, Filter Cloth)		EA	\$680.00
289413	Gabions - 12' x 6' x .75' Basket (Stone, Basket, Filter Cloth)		EA	\$450.00
390130	Clay Backfill for Core Trench		CY	\$16.00
390220	MSHA Class 0 Ungrouted Rip-rap		SY	\$47.00
390221	MSHA Class 1 Ungrouted Rip-rap		SY	\$88.00
390222	MSHA Class 2 Ungrouted Rip-rap		SY	\$99.00
390223	MSHA Class 3 Ungrouted Rip-rap		SY	\$110.00
390405	No. 2 Stone (3/4" - 1-1/2")		CY	\$27.00
390510	Geotextile Class "C" - Filter Cloth or Blanket		SY	\$7.00
390525	Geotextile Class "F" - Slope Silt Fence		LF	\$1.20
390526	Geotextile Class "F" - Channel Silt Fence		LF	\$1.50
390527	Remove & Reset Geotextile Class "F" Silt Fence		LF	\$1.10
390535	Super Silt Fence		LF	\$6.30
390550	Orange Safety Fence		LF	\$2.30
445006	Concrete Retaining Wall - 6' high, 33 deg. surcharge		LF	\$315.00
445008	Concrete Retaining Wall - 8' high, 33 deg. surcharge		LF	\$385.00
445010	Concrete Retaining Wall - 10' high, 33 deg. surcharge		LF	\$455.00
445020	Concrete Retaining Wall - 20' high, 500 lbs. per LF surcharge		LF	\$1,278.00

445106	CMU Retaining Wall (6" Thick - Reinforced, Excluding Footing)		SF	\$5.75
445108	CMU Retaining Wall (8" Thick - Reinforced, Excluding Footing)		SF	\$6.20
445112	CMU Retaining Wall (10" Thick - Reinforced, Excluding Footing)		SF	\$7.35
445116	CMU Retaining Wall (12" Thick - Reinforced, Excluding Footing)		SF	\$8.45
445200	Timber Retaining Wall - 3' high		LF	\$33.00
445250	GeoGrid Block Retaining Walls (Excluding Footing)		SF	\$20.00
445302	Noise Barrier System Height Up To 24'		SF	\$14.00
445303	Wooden Noise Wall Height Up To 8'		SF	\$12.50
520105	Gravel Base Course Graded Aggregate (GAB)		IN/SY	\$0.76
520110	CR-6 Base Course		IN/SY	\$1.05
530100	Mill Existing Asphalt - 0" to 2" Deep		SY	\$7.50
530200	Rubberized Crack Sealer		GAL	\$22.50
530300	HMA Bituminous Conc. Surface Course		IN/SY	\$3.10
530400	HMA Bituminous Conc. Base Course		IN/SY	\$2.72
530500	HMA Bituminous Conc. Binder Course		IN/SY	\$2.78
540101	P-1 Paving Section - Full Depth	R-2.01	SY	\$14.00
540102	P-2 Paving Section - Full Depth	R-2.01	SY	\$18.00
540103	P-3 Paving Section - Full Depth	R-2.01	SY	\$21.00
540104	P-4 Paving Section - Full Depth	R-2.01	SY	\$24.00
540105	P-5 Paving Section - Full Depth	R-2.02	SY	\$27.00
540106	P-6 Paving Section - Full Depth	R-2.02	SY	\$30.00
540108	P-8 Paving Section - Full Depth	R-2.02	SY	\$12.00
540111	P-1 Paving Section - Granular Base Alternative	R-2.01	SY	\$12.00
540112	P-2 Paving Section - Granular Base Alternative	R-2.01	SY	\$16.00
540113	P-3 Paving Section - Granular Base Alternative	R-2.01	SY	\$18.00
540114	P-4 Paving Section - Granular Base Alternative	R-2.01	SY	\$23.00
540115	P-5 Paving Section - Granular Base Alternative	R-2.02	SY	\$25.00
540116	P-6 Paving Section - Granular Base Alternative	R-2.02	SY	\$29.00
540117	P-7 Paving Section - Granular Base Alternative	R-2.02	SY	\$13.00
540118	P-8 Paving Section - Granular Base Alternative	R-2.02	SY	\$12.00
560100	Concrete Pavement		IN/SY	\$6.30
585430	5" Wide Yellow Nontoxic Lead Free Waterborne Pavement Markings		LF	\$0.30
585432	5" Wide White Nontoxic Lead Free Waterborne Pavement Markings		LF	\$0.30
585446	White Nontoxic Lead Free Waterborne Permanent Arrow Markings		EA	\$11.00
585447	White Nontoxic Lead Free Waterborne Permanent Word Markings (Per Letter)		EA	\$5.50
585448	White Nontoxic Lead Free Waterborne Permanent Stop Bar - 24"		LF	\$1.40
615581	HMA - Bituminous Curb	R-3.03	LF	\$4.25
634200	Standard Barrier Curb	R-3.03	LF	\$13.00
634250	Concrete Curb & Gutter Transition	R-3.02	LF	\$20.00
634300	Concrete Curb & Gutter	R-3.01	LF	\$11.00
634340	Modified Curb & Gutter	R-3.01	LF	\$11.00
634415	Precast Concrete Wheel Stops - Fixed		EA	\$34.00
648100	Monolithic Concrete Median	R-3.04	SF	\$39.00
655104	Concrete Sidewalk - 4" Thick	R-3.05	SY	\$25.00
655106	Monolithic Concrete Curb & Sidewalk	R-3.07	SY	\$35.00
655383	Brick Pavers		SF	\$12.00
655400	Sidewalk Ramp Type "A"	R-4.01	EA	\$450.00
655410	Sidewalk Ramp Type "B"	R-4.02	EA	\$725.00
655420	Sidewalk Ramp Type "C"	R-4.03	EA	\$450.00
656100	Residential Driveway w/Sidewalk Setback from Curb	R-6.01	EA	\$750.00
656105	Residential Driveway w/Sidewalk Adjacent to Curb	R-6.02	EA	\$750.00

656110	Residential Driveway w/Modified Curb	R-6.03	EA	\$750.00
656115	Residential Driveway w/Bit. Curb & Sidewalk	R-6.04	EA	\$500.00
656120	Residential Driveway w/o Sidewalk	R-6.05	EA	\$500.00
656125	Residential Driveway, Open Section Road	R-6.06	EA	\$250.00
656200	Commercial Driveway on Closed Section Road	R-6.07	EA	\$3,500.00
656205	Commercial Driveway on Open Section Road	R-6.08	EA	\$3,500.00
656210	Commercial Driveway - High Volume	R-6.09	EA	\$3,500.00
656490	Macadam Path or Sidewalk		IN/SY	\$4.10
660182	Guard Rail W Beam	R-7.01 to R-7.09	LF	\$14.00
660482	Dead End Type "A" Barricade	R-7.10	LF	\$24.00
660682	Dead End Type "C" Barricade	R-7.12	LF	\$32.50
661288	Guard Rail w/Beam Anchor	R-7.14 to R-7.16	LF	\$17.50
661388	Type 1 - End Flare	R-7.13	EA	\$500.00
661398	Type 2 - End Flare	R-7.17	EA	\$525.00
662182	Guard Rail Remove & Reset		LF	\$13.65
662325	Guard Rail Removal and Disposal		LF	\$5.75
690106	Chain Link Fence - 6'	G-8.01	LF	\$16.00
690108	Chain Link Fence - 8'	G-8.01	LF	\$20.00
691288	Terminal Post 6' Chain Link fence		EA	\$10.00
691289	Terminal Post 8' Chain Link Fence		EA	\$15.00
692228	Gate - 6' for 6' Chain Link Fence		EA	\$110.00
692488	Gate - 12' for 6' Chain Link Fence		EA	\$210.00
692489	Gate - 12' for 8' Chain Link Fence		EA	\$260.00
695183	Chain Link Fence Remove & Reset		LF	\$10.00
695190	Chain Link Fence Removal and Disposal		LF	\$1.50
696100	Wood Stock Fence		LF	\$13.00
696190	Wood Fence Removal and Disposal		LF	\$1.50
701325	Placing Salvaged Topsoil (2" depth)		SY	\$2.20
704325	Top Soil - Furnished & Placed (2" depth)		SY	\$2.50
705400	Temporary Seeding & Mulching		SY	\$0.30
707105	Straw Mulching		SY	\$0.20
707200	Solid Sodding		SY	\$2.25
707300	Seeding		SY	\$0.32
707305	Seeding & Mulching		SY	\$0.63
708240	Soil Stabilization Matting (Miramat, Curlex, etc.)		SY	\$2.20
712900	Selective Tree Trimming		EA	\$95.00
720200	Street Trees		EA	\$300.00
720330	Furnish & Plant Acer Rubrum (Red Maple) - 2" C BB		EA	\$150.00
721230	Furnish & Plant Crataegus (Flowering Hawthorne) - 2" C BB		EA	\$150.00
723230	Furnish & Plant Gleditsia Triacanthos Inermis (Thorny Honey Locust) - 2" C BB		EA	\$150.00
725830	Furnish & Plant Quercus Palustris (Pin Oak) - 2" C BB		EA	\$150.00
801600	Install New Signs Supplied by County		SF	\$8.00
813100	Stop signs		EA	\$86.00

813105	Street Signs	EA	\$93.00
840000	Boring & Jacking	LF	\$400.00
840036	36" Steel Casing Pipe (Boring/Jacking)	LF	\$100.00
850103	3" DIP	LF	\$40.00
850104	4" DIP	LF	\$50.00
850106	6" DIP	LF	\$56.00
850108	8" DIP	LF	\$60.00
850110	10" DIP	LF	\$67.00
850112	12" DIP	LF	\$76.00
850116	16" DIP	LF	\$80.00
850150	3/4" Copper WHC	LF	\$30.00
850151	1" Copper WHC	LF	\$31.00
850152	1-1/2" Copper WHC	LF	\$35.00
850153	2" Copper WHC	LF	\$36.00
850160	4" PVC Schedule 40 - SHC (Depth not to exceed 8')	LF	\$44.00
850162	6" PVC Schedule 40 - SHC (Depth not to exceed 8')	LF	\$44.00
850164	8" PVC Schedule 40 - SHC (Depth not to exceed 8')	LF	\$63.00
850166	10" PVC Schedule 40 - SHC (Depth not to exceed 8')	LF	\$69.00
850168	12" PVC Schedule 40 - SHC (Depth not to exceed 8')	LF	\$75.00
850170	2" Sewer Force Main	LF	\$30.00
850171	Sewer Force Main Grinder Pump	EA	\$6,000.00
850200	Sewer Manholes	EA	\$2,000.00
850205	Sewer Cleanouts	EA	\$800.00
850300	Oil/Grease Interceptors	EA	\$5,000.00
850400	Fire Hydrants	EA	\$2,000.00
801001	Concrete for Sign Foundation	CY	\$205.00
801003	Concrete for Light Foundation	CY	\$434.00
801004	Concrete for Signal Foundation	CY	\$466.00
801104	Wood Sign Supports 4 x 4	LF	\$5.00
801106	Wood Sign Supports 4 x 6	LF	\$6.00
801605	Aluminum Signs - 0 to 5 sft.	SF	\$24.00
801606	Aluminum Signs - 5 to 25 sft.	SF	\$48.00
801607	Aluminum Signs - 25 to 50 sft.	SF	\$80.00
801608	Aluminum Signs - 50 to 100 sft.	SF	\$112.00
801609	Aluminum Signs - 100 to 200 sft.	SF	\$160.00
802001	Electrical Cable - 1 Conductor - #14 AWG - THWN	LF	\$0.19
802002	Electrical Cable - 1 Conductor - #1 AWG - Aluminum - THWN	LF	\$1.26
802003	Electrical Cable - 1 Conductor #2/0 Aluminum - THWN	LF	\$1.56
802010	Electrical Cable - 1 Conductor - #8 AWG - Solid Bare Copper	LF	\$0.42
802012	Electrical Cable - 1 Conductor - #10 AWG - THWN - Copper	LF	\$0.33
802013	Electrical Cable - 1 Conductor - #6 AWG - Stranded Bare Copper	LF	\$0.79
802340	Electrical Duct Cable - 2 Conductor - #6 AWG	LF	\$2.02
802341	Electrical Duct Cable - 3 Conductor - #6 AWG	LF	\$2.35
802342	Electrical Duct Cable - 4 Conductor - #6 AWG	LF	\$2.87
802343	Electrical Duct Cable - 2 Conductor - #4 AWG	LF	\$3.94
802344	Electrical Duct Cable - 3 Conductor - #4 AWG	LF	\$3.34
802345	Electrical Duct Cable - 4 Conductor - #4 AWG	LF	\$4.19
802347	Electrical Duct Cable - 3 Conductor - #2/0 AWG	LF	\$5.76
802363	Electrical Cable - 2 Conductor - #14 AWG - Alum. Shielded (Loop Lead in Wire)	LF	\$0.52
802364	Electrical Cable - 2 Conductor - #14 AWG - IMSA 19-1	LF	\$0.47
802365	Electrical Cable - 3 Conductor - #14 AWG - IMSA 19-1	LF	\$0.55
802366	Electrical Cable - 5 Conductor - #14 AWG - IMSA 19-1	LF	\$0.91
802367	Electrical Cable - 7 Conductor - #14 AWG - IMSA 19-1	LF	\$1.09
802368	Electrical Cable - 15 Conductor - #14 AWG - IMSA 19-1	LF	\$2.01
802369	Electrical Cable - 20 Conductor - #14 AWG - IMSA 19-1	LF	\$2.38
802371	Electrical Cable - 2 Conductor - #12 AWG - Copper Type TC	LF	\$0.40
802372	Electrical Cable - 2 Conductor - #10 AWG - Copper Type TC	LF	\$0.68
802374	Loop Wire - #14 AWG THWN in 1/4" Flexible Tubing	LF	\$0.50
802593	Electrical Cable - 10 Conductor - #14 AWG - IMSA 19-1	LF	\$1.42

802595	Electrical Cable - 1 Conductor - #8 AWG - THWN - Copper	LF	\$0.55
802596	Electrical Cable - 1 Conductor - #6 AWG - THWN - Copper	LF	\$0.96
802597	Electrical Cable - 1 Conductor - #4 AWG - THWN - Copper	LF	\$1.46
805010	1" Electrical Conduit - Galvanized - Riser	LF	\$4.12
805011	1" Electrical Conduit - Galvanized - Sleeve	LF	\$6.46
805020	1-1/4" Electrical Conduit - Galvanized - Riser	LF	\$5.57
805030	2" Electrical Conduit - Galvanized - Riser	LF	\$6.57
805031	2" Electrical Conduit - Galvanized - Trenched	LF	\$6.32
805032	2" Electrical Conduit - Galvanized - Slotted	LF	\$17.50
805033	2" Electrical Conduit - Galvanized - Pushed	LF	\$14.50
805034	2" Electrical Conduit - Galvanized - Elbow	LF	\$20.50
805040	3" Electrical Conduit - Galvanized - Riser	LF	\$11.84
805041	3" Electrical Conduit - Galvanized - Trenched	LF	\$9.41
805042	3" Electrical Conduit - Galvanized - Slotted	LF	\$20.00
805043	3" Electrical Conduit - Galvanized - Pushed	LF	\$18.07
805044	3" Electrical Conduit - Galvanized - Elbow	LF	\$35.40
805050	4" Electrical Conduit - Galvanized - Riser	LF	\$25.00
805051	4" Electrical Conduit - Galvanized - Trenched	LF	\$12.58
805052	4" Electrical Conduit - Galvanized - Slotted	LF	\$25.08
805053	4" Electrical Conduit - Galvanized - Pushed	LF	\$22.00
805054	4" Electrical Conduit - Galvanized - Elbow	LF	\$55.00
805102	3/4" Electrical Conduit - PVC Sch. 40 - Slotted	LF	\$8.91
805130	2" Electrical Conduit - PVC Sch. 40 - Riser	LF	\$2.55
805131	2" Electrical Conduit - PVC Sch. 40 - Trenched	LF	\$3.13
805134	2" Electrical Conduit - PVC Sch. 40 - Elbow	EA	\$9.60
805136	2" U-Guard PVC Riser	LF	\$4.36
805140	3" Electrical Conduit - PVC Sch. 40 - Riser	LF	\$8.00
805141	3" Electrical Conduit - PVC Sch. 40 - Trenched	LF	\$4.06
805144	3" Electrical Conduit - PVC Sch. 40 - Elbow	EA	\$17.10
805146	3" U-Guard PVC Riser	LF	\$7.38
805151	4" Electrical Conduit - PVC Sch. 40 - Trenched	LF	\$6.07
805154	4" Electrical Conduit - PVC Sch. 40 - Elbow	EA	\$25.50
822001	Install County Supplied Telemetry Cable - Self Supported (Overhead) (Any Size)	LF	\$1.73
822002	Install County Supplied Telemetry Cable - Jelly Filled (Underground) (Any Size)	LF	\$1.67
822012	12 Pair Telemetry Cable - Self Supporting (Overhead)	LF	\$2.60
822013	12 Pair Telemetry Cable - Jelly Filled (Underground)	LF	\$1.97
822050	50 Pair Telemetry Cable - Self Supporting (Overhead)	LF	\$12.22
822051	50 Pair Telemetry Cable - Jelly Filled (Underground)	LF	\$11.23
834001	Connector Kit - Type I	EA	\$26.50
834002	Connector Kit - Type II	EA	\$23.70
834003	Connector Kit - Type III	EA	\$48.10
834004	Connector Kit - Type IV	EA	\$57.50
860100	Railroad Ties	LF	\$24.00
860105	Railroad Track Installation	LF	\$82.00
860110	Adjust Existing Utility Appurtenances to Finished Grade - LT 12" Circ.	EA	\$135.00
860115	Adjust Existing Utility Appurtenances to Finished Grade - 12" to 29" Circ.	EA	\$200.00
860120	Adjust Existing Utility Appurtenances to Finished Grade - GT 29" Circ.	EA	\$270.00
860125	Galvanized Handrails (3 rails)	LF	\$30.00
860130	Wood Handrails (3 rails)	LF	\$20.00
900100	Corrugated Metal Riser Structure	EA	\$3,000.00
900105	Corrugated Metal Trash Rack for CM Riser	EA	\$1,800.00
900110	Corrugated Metal Anti-Seep Collar	EA	\$600.00
900200	Reinforced Concrete Riser Structure	CY	\$660.00
900205	A-2 Concrete Cradle	CY	\$660.00
900210	Reinforced Concrete Anti-Seep Collar	CY	\$660.00
900211	Sand Filter Diaphragm	CY	\$26.50
900212	Reinforced Concrete	CY	\$660.00
910100	Rock Vane	EA	\$5,500.00
910110	Log Vane	EA	\$2,100.00
910120	Flush Cut	EA	\$900.00
910130	Root Wad Revetment	EA	\$2,400.00
910140	Rock J-Hook Vane	EA	\$6,100.00
910150	Rock Cross Vane	EA	\$6,800.00
910160	Boulder Bank Stabilization	LF	\$100.00

910200	Live Stakes	EA	\$4.00
910210	Live Branch Layering	LF	\$15.00
910220	Coir Fiber Erosion Control Matting	SY	\$5.00
910300	Stream Diversion and Dewatering	LS	\$50,000.00
910400	Sand (washed) for Bioretention	CY	\$30.00
910410	Pea Gravel (washed) for Bioretention	CY	\$30.00
910420	Planting Soil for Bioretention	CY	\$25.00
910430	Mulch for Bioretention	CY	\$28.00
910500	Rain Garden (complete)	EA	\$6,000.00

LANDFILL FEES

These fees are adopted pursuant to Section 14.600 and Section 14.601 of the Howard County Code, which provide that the County Council shall adopt an annual schedule of permit charges, user fees, special charges, and late payment penalties for users of the Howard County Sanitary Landfill.

ANNUAL PERMIT CHARGE

Commercial permit (renewable on July 1)	\$30
Commercial permit (temporary)	\$30
Commercial Recycling Permit	\$5

USER CHARGES

Residential solid waste

No charge for Howard County residents bringing solid waste to the landfill in:

- (1) Vehicles up to 3/4 ton GVW registered in Howard County; or
- (2) Vehicles registered as farm vehicles with the Motor Vehicle Administration hauling qualifying waste.

Residents must apply for a special exception permit if vehicle is not registered as a farm vehicle, is over 3/4 ton GVW, is not registered to resident, or displays commercial signage.

A maximum of 3 tons of waste will be accepted from a County resident at no charge during a 1-year period from July through June. Commercial user charges shall be charged for quantities exceeding 3 tons per year.

Commercial solid waste (excluding tires)

600 lbs. or less	\$20 flat rate
over 600 lbs.	\$65 per ton

Broken paving, stone, or brick

600 lbs. or less	\$20 flat rate
over 600 lbs.	\$65 per ton

Recyclable yard/wood waste (Commercial)	\$25 per ton
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Recyclable yard/wood waste (Residential)	\$0
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Roofing shingles (Commercial)	\$45 per ton
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Roofing shingles (Residential)	\$0
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Auto and truck tires

600 lbs. or less	\$30 flat rate
Over 600 lbs.	
Auto tires	\$120 per ton
Truck (oversized) tires	\$180 per ton

Clean dirt

Clean dirt free of trash and rubble	\$65 per ton
(charge may be waived or volume may be limited by the Department of Public Works)	

SCHEDULE FOR USE WHEN SCALES ARE INOPERATIVE

Size of Vehicle	Solid Waste	Recyclable Yard/Wood Waste
Pickup trucks & leisure vans (½ to ¾ ton)	\$20	\$4
Pickup trucks with side rails, caps, or dump bed	\$27	\$7
Dump trucks (2 axle)	\$146	\$39
Dump trucks (3 or 4 axle)	\$249	\$66
Closed vans (2 axle)	\$89	\$23
Closed vans (3 or 4 axle)	\$130	\$35
Stake body/open body trucks or trailer dump (2 axle)	\$249	\$66
Stake body/open body trucks or trailer dump (3 axle)	\$303	\$80
Front, rear and side load compactor		
under 16 cu.yd.	\$184	\$49
16-23 cu.yd.	\$249	\$66
24 cu.yd. and over	\$374	\$100
Semi-trailer	\$303	\$80
Roll off bed		
under 25 cu.yd.	\$249	\$66
25 - 34 cu.yd.	\$303	\$80
35 cu.yd. and over	\$374	\$100

Auto and Truck Tires

Auto tires	
Up to 30 tires	\$30 flat rate
Over 30 tires	\$1.50 per tire
Truck (oversized) tires	
Up to 10 tires	\$30 flat rate
Over 10 tires	\$3.50 per tire

(A maximum of five (5) tires may be delivered to the Resident's Convenience Area by residents at no charge. Farm vehicles are also limited to five (5) tires).

SPECIAL LANDFILL CHARGES

(In addition to applicable user fees)

Credit account

Deposit (paid before credit is initially extended)	\$200 minimum
Maintenance surety (reviewed and adjusted every 6 months)	1.5 times avg. monthly bill
Minimum charge per transaction	\$18
Late payment charge (Due on the last workday of the month in which the charges are billed)	\$5 or 2% of the amount owed, whichever is greater; assessed every 30 days that balance is overdue

Service charge for failure to weigh out at landfill scale	\$25
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REVIEW AND APPROVAL OF ROADS AND STORM DRAINAGE STRUCTURES FOR SUBDIVISIONS AND SITE DEVELOPMENT

These fees are adopted pursuant to Section 18.700 of the Howard County Code which requires the Director of Public Works to prepare a proposed fee schedule to cover the cost of services performed by the Department of Public Works related to the physical inspection and approval of construction of infrastructure as shown on the approved subdivision and site development plans.

SUBDIVISIONS WITH PUBLIC ROADS AND STORM DRAINAGE STRUCTURES

Cost of Improvements	Fee *
Less than \$50,000	2.75%
\$50,000 - \$150,000	2.5%
\$150,000 - \$250,000	2.25%
Over \$250,000	2%
Minimum fee	\$100

- *
1. The final fee is calculated based on actual construction quantities and DPW's established unit cost for roadway, drainage, stormwater management and sediment control (attached hereto as "Exhibit 1").
 2. A partial advance fee is to be paid when the preliminary plan or preliminary equivalent sketch plan original is submitted for signature approval. This partial fee shall be 50% of the fee based upon the developer's preliminary construction cost estimate and DPW's established unit cost for roadway, drainage, stormwater management and sediment control (attached hereto as "Exhibit 1").
 3. Final fee is to be paid in full prior to submission of final plat for signature approval.

SUBDIVISIONS WITHOUT PUBLIC ROADS AND STORM DRAINAGE STRUCTURES

Basis	Fee **
Subdivision record plat without a concurrent subdivision plan	\$25 per lot \$50 minimum per plat \$500 maximum per plat
Subdivision plat with a concurrent subdivision plan	
Original submission	Free
2nd and subsequent revisions	\$200 per plat

** Fee to be paid at first submission of plat for review.

COMMERCIAL, INDUSTRIAL & MULTI-FAMILY SITE DEVELOPMENT PLANS WITH PRIVATE ROADS OR A MIX OF PUBLIC AND PRIVATE ROADS

Total estimated site construction costs	Fee for private roads, parking lots & storm water management***	Fee for private storm drains, water & sewer ***
Less than \$50,000	2.75%	0.8%
\$50,000 - \$150,000	2.5%	0.7%
\$150,000 - \$250,000	2.25%	0.6%
over \$250,000	2%	0.5%
Minimum fee	\$100	\$100

- ***
1. The final fee is calculated based on actual construction quantities and DPW's established unit cost for roadway, drainage, stormwater management and sediment control (attached hereto as "Exhibit 1").
 2. Final fee is to be paid in full prior to submission of plan for signature approval.
 3. A partial advance fee is to be paid with the initial submission of the site development plan for review.

This partial fee shall be 50% of the fee based upon the developer's preliminary construction cost estimate.

REVIEW AND APPROVAL OF WATER & SEWER FACILITIES FOR SUBDIVISIONS AND SITE DEVELOPMENT

*These fees are adopted pursuant to Section 16.130 of the Howard County Code.
which requires developers to pay for the costs of public improvements (water and sewer
facilities) required by Section 16.131, which costs include the costs incurred by the
Department of Public Works in reviewing the plans for the facilities
and in inspecting them during construction.*

Construction Inspection of Private and Public Water and Sewer

WORK	CHARGE*
Single Family Detached (ex: R-12, R-20, etc.) No Minor Subdivisions	\$600 per lot
Townhome, Cluster Home No Minor Subdivisions	\$250 per lot
Minor Subdivisions, Site Development Plans, etc.	\$800 Lump Sum Administration and Project Coordination Fee, plus \$7 per linear foot Field Inspection Fee.
Inspection of private water & sewer 8" or larger (from the connection to within 5 feet of the building improvement).	\$800 Lump Sum Administration and Project Coordination Fee, plus \$7 per linear foot Field Inspection Fee.
Review of water or sewer systems, including engineering, administrative and legal costs associated with the review.	3.5% of the total construction costs calculated based on actual construction quantities and DPW approved unit costs.
TV Inspection	\$.60 per foot, to be paid prior to delivery of developer agreement for execution.

* These fees cover the costs associated with the inspection of water and sewer facilities during the construction time established in the developer agreement and construction documents. If construction time exceeds the established time, additional inspection fees will be charged to reimburse the actual cost incurred by the County.

UTILITY CONSTRUCTION PERMITS

This fee is adopted pursuant to Section 18.206 of the Howard County Code, which requires utility contractors and other persons who excavate in the public roads and rights-of-way to obtain a permit for the work, and further provides for County Council approval of a fee for such a permit.

This fee applies only to work in existing subdivisions and existing public rights-of-way and easements. The fee does not apply to utility construction in projects being constructed in accordance with the subdivision regulations.

Annual Blanket Utility Permit for repair and maintenance

Gas or electric utility	\$12,000 per year
Telephone utility	\$ 3,600 per year
Cable TV utility	\$ 1,200 per year

Utility Construction Permit for *repair and maintenance* by a utility that *is not operating* under a blanket utility permit \$100 each permit

Utility Construction Permit for *new utility construction* work by a utility that *is operating* under a Blanket Utility Permit \$100 each permit

Utility Construction Permit for *new utility construction* work by a utility that *is not operating* a Blanket Utility Permit \$200 each permit

LOADING ZONE PERMIT/SIGN INSTALLATION FEES

These fees are established pursuant to Section 21.208 of the County Code, which authorizes the County Council to establish an annual service fee and the cost of installation of signs when the Department of Public Works issues a permit to create a loading zone.

Cost of installation of signs indicating the boarder of a loading zone established under a permit.

\$160 per sign.

Annual service fee for a loading zone permit.

\$25 per year or portion of a year.

REFUSE COLLECTION CHARGES

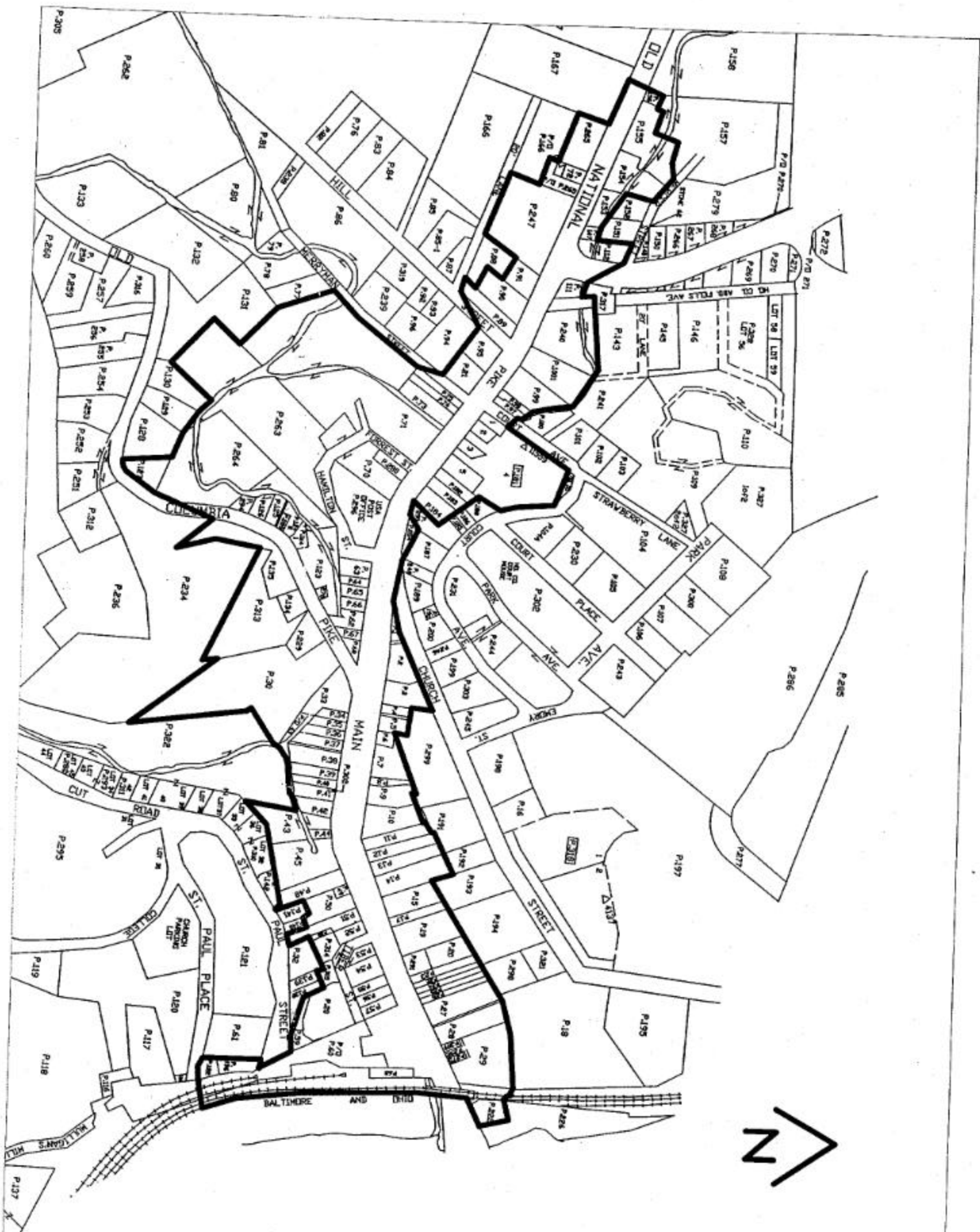
These charges are adopted pursuant to Section 20.901 of the Howard County Code, which requires the County Council to establish by Resolution the refuse collection charges for residential and commercial property, and to establish the Ellicott City Refuse Collection Zone.

Refuse Collection Charges	
Residential Property	\$175 per year for 1 collection per week ¹
Commercial Property ²	\$175 per year for each collection, 2 or 4 collections per week

1. The Department of Public Works Refuse and Recyclables Collection Rules shall govern the size and weight of acceptable items, and the composition of containers.
2. Commercial Property is property in the Ellicott City Refuse Collection Zone.

ELLICOTT CITY REFUSE COLLECTION ZONE

The service area boundary for Commercial Property for which the County provides refuse collection services is the Ellicott City Refuse Collection Zone. The Zone is defined in “Exhibit A” which is attached hereto and incorporated herein



MISCELLANEOUS DPW FEES AND CHARGES

SERVICE

COST

Sidewalk repair/replacement	Actual cost to the County
Amendment or extension of Developer Agreement	\$350
Petition for road closing/road relocation	\$1,000
Fee-in-lieu of constructing storm water management facilities	\$72,000 per acre